I

BOROUGH OF DEAL

PUBLIC HEALTH DEPARTMENT

ANNUAL REPORT OF

THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1967

BOROUGH OF DEAL.

PUBLIC HEALTH COMMITTEE.

(To 1st. June, 1967)

CHAIRMAN

Councillor T. Watford.

VICE CHAIRMAN

Councillor Mrs. I.A. May

MEMBERS.

His Worship The Mayor Councillor John Alistair Lawton, J.P.

Alderman Mrs. E.K. Clarke
Councillor M.H. Clarke
Councillor Mrs. V.H. Dadd
Councillor F.G. Eckersley
Councillor J.B. Shelley
Councillor C.C. Sherwin
Councillor M.J. Stevenson
Councillor Major C. Thierens
Councillor Miss M. Webber

(From 1st. June. 1967)

CHAIRMAN

Councillor T. Watford

VICE CHAIRMAN

Councillor Mrs. I.A. May

MEMBERS.

His Worship The Mayor Councillor John Alistair Lawton, J.P.

Alderman Mrs. E.K. Clarke
Councillor W.T. Bone
Councillor F.G. Eckersley
Councillor Mrs. N.E. Powell
Councillor Miss B.L. Rutherford
Councillor C.C. Sherwin
Councillor W.B. Todman
Councillor Miss M. Webber
Councillor Mrs. J. White

STAFF

Medical Officer of Health	Dr. C.F. Lynch, M.B., B.Ch., B.A.O., D.P.H.
Deputy Medical Officer of Health	Dr. J.A. Byrne, M.B., B.Ch., B.A.O., D.P.H., D.T.M. & H.
Senior Public Health Inspector	R.M. Borlase M.A.P.H.I. (Commenced duties 13.3.67)
Additional Public Health Inspectors	B.J. Buckingham, Cert. R.S.I. & S.I.E.J.B. (Resigned 31.12.67)
	S.S. Swift, Cert. R.S.I. & S.I.E.J.B.
Clerk/Typists	Miss J. Deller
	Miss M. Coleman

TO: The Mayor, Aldermen and Councillors of the Borough of Deal:

Ladies and Gentlemen,

I have the honour to present my Annual Report on the Health and Sanitary Conditions of the Borough of Deal for the year 1967.

The Report is prepared in accordance with Ministry of Health instructions and includes the usual statistical returns.

The Registrar General's estimate of the mid-year population was 26,780 which is an increase on the figure for the previous year and includes members of the Crown forces stationed in the Borough.

The Birth Rate after adjustment for age and sex distribution was 15.8 per 1,000 of the population and is 1.0 lower than in 1966. The Rate for England and Wales was 17.2.

The Death Rate per 1,000, similarly adjusted was 10.0 compared with 12.1 for the previous year and 11.2 for England and Wales.

The Infant Mortality Rate which fell to the exceptionally low level of 7.6 per 1,000 live births in 1966 rose to 18.6 which is nonetheless very little above the national rate of 18.3

Congenital malformations and one road accident contributed to the increased rate in 1967.

There were no maternal deaths during the year.

Deaths from Cancer, while fewer in total than in 1966, showed an increase from cancer of the lung, the local rate being slightly above the national level.

Measles was the only notifiable disease which was epidemic, though Influenza was prevalent toward the end of the year when serological evidence of infection with Influenza Virus Type A was obtained.

Only four new cases of pulmonary tuberculosis were notified compared with nine during the previous year. There were no deaths from tuberculosis during the year.

Sanitary conditions generally continued to receive every possible attention, the improvement of housing conditions especially being of major concern. This has not proceeded as rapidly as one would wish however, only one dwelling house having been dealt with under Slum Clearance during the year.

While it is important that the Council's existing programme should be actively maintained year by year it has to be remembered that the requirements of an increasing number of old people for smaller housing units has reduced the availability of new housing for other purposes.

With the increase in the number of units of all types however, which were completed or under construction at the end of the year, renewed efforts can be made in the hope of more speedy rehousing from the town's remaining unfit properties.

I have to thank the Chairman and Members of the Public Health Committee for their continued support and I am indebted to the Senior Public Health Inspector for data supplied for inclusion in this Report.

I have the honour to be,
Mr. Mayor, Ladies and Gentlemen,
Your obedient servant

C. F. Lynch
Medical Officer of Health.

3rd. October, 1968.

Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

https://archive.org/details/b29154224

SECTION A - VITAL STATISTICS & SOCIAL CONDITIONS.

Area	2,917 acres
Population estimated mid-1967	26,780
Population 1961 census	24,815
Estimated Product of Penny Rate 1967/68	£3,250

Unemployment:

The Manager of the Employment Exchange has kindly contributed the following comment on the local unemployment statistics in 1967.

Men:	Women:	Total:	
361	62	423	(December statistics)

The general pattern in this area does not vary much from year to year.

The principal employer of male labour is the National Coal Board at the Betteshanger Colliery and Central Wage Offices.

This is closely followed by Building and Civil Engineering whilst a large number of men find employment in adjacent areas, e.g. Richborough in Chemical Manufacture and at Dover in connection with Cross Channel Shipping.

Little or no engineering is followed but of the two firms whose employees are principally men, one manufactures Glass Fibre Car Body Components and it is interesting to record that because of the resin used in this process it is a stipulation that only dark-haired males can be accepted for employment. The second firm is employed in plastic mould Injection processes.

There are three light clothing factories employing female labour, also a ladies shoes manufacturer who also employs chiefly female labour. This firm hopes to start soon a Nursery which will permit married women to work whilst their children are being cared for by competent nursery staff. This is a new departure for the area and should bring more married women into the labour market.

It is still noticable that married women who seek part-time jobs stipulate hours of work which will permit their meeting and taking children to and from school; most employers will arrange hours of work to enable this to be done.

A large number of men are placed in employment during the summer season chiefly in connection with Cross Channel Transportation, either as Ship's Staff or on shore jobs. The latter is suitable for the older age groups, but it entails shifts of twelve hours or more and because of the hours of starting the men must be able to get to work without use of Public Transport.

Public Transport facilities are good, with half hourly services, both train and bus, in both directions. Men still use shared cars when working in other areas.

No firms in the area with the exception of the National Coal Board have Canteens which provide a main dinner meal, but all have snack bars at which hot light snacks can be purchased; at all events most workers can get home for the main meal.

As may be expected most men who register as disabled through injuries received whilst at work originate from the Coal Pits.

Most firms work the five day week with an early leaving on Fridays; this also applies to adjacent areas.

A number of men earn their living through activities connected with fishing, as Boatmen or Bait Diggers; there is no Fishing industry as such.

Staff are supplied to Holiday Camps situated in adjacent areas, one at Kingsdown and the other at St. Margarets Bay while there is also a Holiday Camp at Deal used for East End Londoners.

VITAL STATISTICS

(Compared with Statistics for Years 1965 & 1966)

The following statistics and those of Tables I and II are compiled from the available local information.

(All rates shown for 1967 are calculated on the Registrar General's estimated mid-year population of 26,780.)

Registered Live Births (Corrected for Inward and Outward Transfers).

1965:	1966:	1967:
421	393	376

Legitimate Male	190	Female	155	=	345
Illegitimate Male	16	Female	15	=	31

Live Birth Rate (per 1,000 of estimated population)

(Comparability Factor 1.13)

	1965:	1966:	1967:
Crude	16.02	14.92	14.04
Adjusted	18.10	16.86	15.87

Legitimate live births per 1,000 estimated population - 12.88 (unadjusted)

Illegitimate live births per 1,000 estimated population - 1.16 (unadjusted)

	1965:	1966:	1967:
Stillbirths	7	5	8

Stillbirths Rate (per 1,000 live and still births):-

16.355	12.56	20.08

Registered Deaths (corrected for Inward and Outward Transfers):

The figures relating to deaths used in the tables in this report are those compiled locally adjusted for inward and outward transfers.

The number of deaths registered during 1967 totalled 241, outward transfers 26 and inward transfers 106 giving a net allocation of 321.

These figures agree with those of the Registrar General's return.

1965:	1966:	1967:
324	375	321

Males	-	171
Females	-	150

Death Rate (per 1,000 estimated population):

(Comparability Factor - 0.84)

	1965:	1966:	1967:
Crude	12.33	14.24	12.00
Adjusted	10.36	12.10	10.08

Death Rate of Infants under 1 year of age:

	1965:	1966:	1967:
All infants per 1,000 live births.	14.25	7.63	18.62
Infant Deaths - number	6	3	7

Specially Recorded Deaths:

Death from Cancer (all ages)	61	75	72

TABLE II

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY FROM TUBERCULOSIS, CANCER AND MATERNAL CAUSES, AND CASE RETURNS FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1967 COMPARED WITH FIGURES (PROVISIONALLY BASED ON QUARTERLY RETURNS) FOR ENGLAND AND WALES.

		DEAL	ENGLAND AND WALES
		Rates per 1,000 Population	
BIRTHS:			
Live Births		15.87 (b)	17.2
Still Births		(0.30	(0.258
		(20.08 (a)	(14.8 (a)
DEATHS:			
All Causes		10.08 (b)	11.2
Tuberculosis	(i) Respiratory	-	0.037
	(ii) Other	-	0.005
Cancer	(i) Lungs and Bronchus	0.784	0.584
	(ii) Other	1.90	1.691
		Rates per 1,000 related Live Births	
All causes under 1 year of age		18.62	18.3
		Notification Rates per 1,000 Home Population	
NOTIFICATIONS (Uncorrected):			
Scarlet Fever		0.224	0.40
Diphtheria		-	0.00
Typhoid Fever		-	0.003
Paratyphoid Fever		-	0.002
Acute Pneumonia		0.19	0.123
Dysentery		-	0.446
Poliomyelitis:	(i) Paralytic	-	0.000
	(ii) Non-paralytic	-	0.000
Food Poisoning		0.08	0.104
Tuberculosis	(i) Respiratory	0.15	0.228
	(ii) Meninges & C.N.S.	-	0.003
	(iii) Other	-	0.040
Meningococcal Infection		-	0.006
Whooping Cough		0.26	0.630
Measles		12.32	9.50
Erysipelas		-	0.03
Smallpox		-	0.000
		Rates per 1,000 Total Related (Live and Still) Births	
Puerperal Pyrexia		5.2 (2 cases)	5.0
MATERNAL MORTALITY		-	0.20

(a) Rates per 1,000 total live and still births
(b) Adjusted for Comparative purposes
(c) A "-" signifies no cases

CAUSES OF DEATH, BY AGE GROUPS, IN THE BOROUGH OF DEAL DURING 1967.

Causes of Death	Under 1		1 year		2 - 4		5 - 14		15 - 24		25 - 44		45 - 64		65 - 74		75 and over		Total	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Other infective and parasitic diseases	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Malignant Neoplasm, Stomach	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1	4
Malignant Neoplasm, Lung, Bronchus	-	-	-	-	-	-	-	-	-	-	-	-	4	3	9	2	2	1	15	6
Malignant Neoplasm, Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	-	4
Malignant Neoplasm, Uterus	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	2
Other Malignant and Lymphatic Neoplasms	-	-	-	-	-	-	-	-	-	-	-	1	1	6	12	4	7	9	20	20
Leukaemia and Aleukaemia	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	1
Diabetes	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	1	2
Vascular Lesions of Nervous System	-	-	-	-	-	-	-	-	-	-	-	-	6	5	1	5	17	26	24	36
Coronary Disease, Angina	-	-	-	-	-	-	-	-	-	-	3	-	12	1	18	5	8	16	41	22
Hypertension with Heart Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
Other Heart Disease	-	-	-	-	-	-	-	-	-	-	-	-	1	3	2	2	4	7	7	12
Other Circulatory Diseases	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2	2	5	7	11	9
Pneumonia	1	-	-	-	-	-	-	-	-	-	1	-	2	-	3	-	6	4	13	4
Bronchitis	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	-	3	2	9	2
Other Diseases of Respiratory System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-
Ulcer of Stomach and Duodenum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1
Gastritis, Enteritis and Diarrhoea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Nephritis and Nephrosis	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	1	1	3	2
Hyperplasia of Prostate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-
Congenital Malformations	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Other Defined and Ill-defined Diseases	2	1	-	-	-	-	-	-	-	-	-	-	5	1	2	1	4	6	13	9
Motor Vehicle Accidents	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	1
All Other Accidents	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	7	2	9
Suicide	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
TOTAL	3	4	1	-	-	-	-	-	-	-	6	1	40	22	58	26	63	97	171	150

SECTION B - GENERAL PROVISIONS OF HEALTH SERVICES.

NOTE: The figures quoted in relation to the services administered by the Kent County Council are included by courtesy of the County Medical Officer.

1. Laboratory Facilities:

Facilities for the bacteriological, boilogical and biochemical examination of specimens are available at the Public Health Laboratory, Preston Hall, British Legion Village, Maidstone, and I am indebted to Dr. A.L. Furniss, Director, for the services rendered during the year.

2. AMBULANCE SERVICE:

The following are the details of the service provided by the Deal Station during 1967:-

Total Number of Patients	26,652	(23,496)
Total Number of journeys	4,917	(4,991)
Total mileage	108,821	(106,041)

(1966 figures are in brackets)

3. Midwifery and Home Nursing Service:

These services are administered by the County Medical Officer and the following figures are in regard to the year's work:-

(a) County Midwifery Service:

Number of Midwives	=	4
Number of births attended	=	139

(b) County Home Nursing Service:

Number of Home Nurses	=	6	(plus 1 part-time
Number of patients attended		338	
Number of attendances (including casual visits)		10,846	

4. Hospital Facilities:

The Victoria Hospital, Deal, under the administration of the South East Kent Metropolitan Regional Hospital Board, makes provision for medical and surgical cases, while maternity and infectious cases (excepting smallpox) are provided for at Buckland Hospital and the Infectious Diseases Hospital, Dover, respectively. Any smallpox cases would be referred to River Hospital (Long Reach) Dartford, Kent.

5. Nursing Home Registrations - Public Health Act, 1936:

The registration of Nursing Homes within the Borough is the responsibility of the County Authority. There are six Nursing Homes in Deal.

6. Clinics and Welfare:

The Kent County Council, as the local Health and Education Authority, have the responsibility for the provision of maternity and child welfare clinics, immunisation and vaccination sessions, also school clinics for minor ailments, dental and ophthalmic services, child guidance and speech therapy.

Out-patients' clinics in all specialities are provided by the Regional Hospital Board at the Victoria Hospital, Deal.

7. Swimming Pools:

Walmer Secondary School:

This is an open air pool of 60,000 gallons with continuous chlorination

and filtration plant, with a capacity of 7,500 gallons per hour. The outlet dose is maintained at 0.5 p.p.m. and algae is controlled by an algicide.

Other Pools:

Three County Junior Schools operate raised portable teaching pools with continuous chlorination and filtration plants. They all have paved surrounds and are able to maintain a very satisfactory standard of water purification.

One private boarding school operates a fill and empty pool which is emptied at about ten day intervals. Hand chlorination is practised and this, together with an algicide gives reasonably satisfactory results.

Paddling Pool, Walmer Green:

This is a public pool restricted to young children. It is an open air pool giving 10,000 gallons with continuous chlorination and filtration plant giving a two hourly turn over period. Algae is controlled by an algicide and colorimetric tests are regularly taken.

Sampling:

14 samples were taken to check bacteriological conditions of the water. Three of these samples were considered not satisfactory and remedial advice was given, which in all cases produced the desired result. During the year the Department's colorimetric chlorine test kit was modified so that the acid ortho-tolidine method was discontinued in favour of the D.P.D. test, on information that acid ortho-tolidine was a carcinogenic substance. All the other pool operators in the area were similarly advised and replacement kits obtained.

8. National Assistance Acts 1948 and 1951:

(a) Burials:

No burials under section 50 of the Act took place during the year.

Tenders are invited from local undertakers and a contract entered into for a 12 month period.

(b) Persons in Need of Care and Attention:

Action for the compulsory admission to places of care and attention was not found necessary during the year.

44 visits and re-visits were made in connection with elderly persons.

Much work is done by voluntary bodies on behalf of elderly persons and the Deal and District Old Peoples' Welfare Council acts as a co-ordinating body in this field. Great emphasis is placed on home visiting.

9. Local Government Superannuation Acts: Medical Examinations.

During 1967 twenty-two medical examinations were undertaken by the Medical Officer of Health of persons entering the Authority's superannuation scheme and four to determine fitness for employment.

SECTION C - SANITARY CIRCUMSTANCES OF THE AREA

Water Supply:

All dwelling houses in the Borough, with the exception of 13, are supplied with mains water from the supply of the Thanet Water Board and I am pleased to acknowledge the ready and continued co-operation of the Board in all matters upon which consultation took place. Monthly summaries of the routine bacteriological examination of samples (Chlorinated and raw) are received and with one exception highly satisfactory results were reported; in the case of the unsatisfactory sample of raw water the possible source of contamination was traced to a surcharged foul sewer and the necessary remedial measures were immediately taken. In any case the Laboratory report indicated that the contamination was not excessive and, having regard to the good organic quality of the water, no diffi-

culty would be expected in the application of an efficient system of chlorination to obtain the high standard of bacterial purity appropriate to a public supply. In fact, samples of the water after treatment taken at the same time were reported highly satisfactory and repeated check samples remained consistantly so.

The following are typical copy reports on the chemical examination of the water.

	St. Richards Road Pumping Station (Raw):	Martin Pumping Station (Raw):
Appearance	Clear and bright	Clear and bright
Colour	Nil	Nil
Odour	Nil	Nil
Electric Conductivity at 20°C	570 units	550 units
pH Value	7.2	7.3
Dissolved solids dried at 180°C	405 p.p.m.	395 p.p.m.
Chlorine present as Chloride	36 p.p.m.	34 p.p.m.
Nitrate nitrogen	8.7 p.p.m.	8.5 p.p.m.
Nitrite nitrogen	Nil	Less than 0.01
Ammonia free	0.00 p.p.m.	0.01 p.p.m.
Ammonia albuminoid	0.00 p.p.m.	0.00 p.p.m.
Oxygen absorbed	0.10 p.p.m.	0.15 p.p.m.
Hardness - Total	270	270
Permanent	45	40
Temporary	225	230
Alkalinity as CACO 3	225	230
Free Carbon Dioxide	35	30
Iron and other metals	Nil	Nil
Residual Chlorine	0.00	0.00

"Both waters conform to the highest standard of organic quality and, from the aspect of chemical analysis, are pure and wholesome waters suitable for public supply purposes".

17 samples were submitted by the Department and all were reported as satisfactory.

In connection with an investigation instigated by the Ministry of Housing & Local Government with reference to plumbo-solvency of mains water samples were also submitted by both the undertaking and the Department for the specific determination of lead content: three samples were taken, two of water which had lain in lead service pipes overnight. The Laboratory reported lead contents of 0.03 parts per million (1 sample) and 0.02 parts per million (2 samples) all well under the acceptable maximum.

Considerable extension of water mains by the Board was carried out, totals of approximately 660 yards of 3" and 800 yards 4" piping being laid.

The well water supplies in Ellens Road received routine investigation, nine samples being taken of which seven were unsatisfactory. The contamination is considered to be from localised surface sources, the actual water source being regarded as satisfactory. The occupiers of the properties concerned are continually advised to take the necessary precautionary measures.

Drainage and Sewerage:

The following notes on the progress of the sewerage contracts has been kindly supplied by the Council's Consulting Engineers:-

Contract No.3

The works included under this heading had been completed towards the end of 1966 and the sewage from part of Dover Rural District connected to the new Borough sewer which discharges to Walmer Pumping Station at Liverpool Road. The sewer and pumping station have been in full commision throughout the year and preparations were put in hand towards the end of 1967 for the installation of the much larger pumps which will be necessary under the provisions of Contract No.4.

Contract No.4

This contract was let towards the end of 1966 and the Contractors, Messrs. William F. Rees (Contruction) Limited, started the Contract Works on November 1st.

The contract embraces the construction of a main outfall sewer through the centre of the Borough from Ark Lane in the North to Walmer in the South, the diameter varying from 48" to 18", a 24" diameter branch being provided from Victoria Road via Wellington Road to Victoria Park to relieve the existing overloaded sewerage system in the South Street and High Street area.

The whole of the foul sewers in Walmer will be diverted to Walmer Pumping Station where, as indicated above, additional pumps of requisite capacity will be installed and will deliver sewage via. a 15" diameter pumping main across Marke Wood Recreation Ground to a connection on the new outfall sewer in Balfour Road.

When this scheme has been completed and commissioned, all foul sewage will be pumped through the existing outfalls at North Deal Pumping Station and surface water only will be discharged at the remaining existing sea outfalls to the South.

An additional diesel driven centrifugal pump is to be installed in the North Deal Pumping Station to provide adequate standby capacity during periods of storm and electric power failures.

The following figures, supplied by the Senior Public Health Inspector show the drainage work carried out during 1967 by and under supervision by the Department; the figures for 1966 are shown for comparison.

	1967:	1966:
Visits and re-visits	663	610
Blocked drains cleared	206	213
Drains reconstructed or repaired	14	25
Drains inspected or tested	18	22
Inspection chambers repaired	7	12
Vent pipes repaired/renewed	2	5
Cesspools abolished	2	-

Rivers and Streams:

Dykes and ponds are treated with anti-mosquito capsules in the Spring or early summer, in order to keep breeding grounds to a minimum.

Public Cleansing:

The collection and disposal of refuse by means of controlled tipping is carried out under the direction of the Borough Engineer and Surveyor. The Public Health Department co-operates in the prevention of nuisance and the replacement of dustbins. The Refuse Collectors refer cases of worn out dustbins to the Department for service of notices. 7 dustbins were supplied in this way during 1967.

Offensive Trades:

The premises of three Rag and Bone Dealers are approved by the Council.

No significant Public Health nuisances have been experienced during the year under review.

Pet-Animals Act, 1951:

Two premises are licensed as Pet Shops under this Act. Licenses are issued subject to the conditions recommended by the R.S.P.C.A., with which organisation co-operation freely exists.

Steam Disinfector:

The following figures show the use of the steam disinfector during 1967. Figures for the previous year are shown for comparison.

	1967:	1966:
Times used	22	10
Cases concerned	22	11
Bed Bugs	-	-
Fleas	-	1
Scabies	-	1
Infectious Diseases	17	9
Other Causes	5	-
	22	11

In addition the Department arranged and carried out the following disinfections.

	1967:	1966:
Houses	11	4
Number of Rooms	30	11
Hospitals and Nursing Homes	4	2
Police Cells	1	1

FACTORIES ACT, 1961:

1. Inspections for purposes of provisions as to health.

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
1. Factories in which Sections 1 - 6 are to be enforced by Local Authority	7	1	-	-
2. Factories not included above in which Section 7 is enforced by Local Authority	74	30	-	-
3. Other premises in which Section 7 is enforced by the Local Authrority (excluding out-workers' premises)	17	19	-	-
Total	98	50	-	-

2. Cases in which defects were found

Particulars	Number of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred to H.M. Insp.	By H.M. Insp.	
Want of cleanliness	2	2	-	-	-
Overcrowding	-	-	-	-	-
Reasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences (a) Insufficient	-	-	-		-
(b) Unsuitable or defective	-	-	-		-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-	-
	2	2	-	-	-

3. Outworkers:

17 outworkers were engaged in the manufacture of wearing apparel. No contraventions were noted.

RODENT CONTROL:

A. Routine Work

The following shows the routine surface work carried out during 1967.

		TYPE OF PROPERTY	
		NON-AGRICULTURAL	AGRUCULTURAL
1.	Number of properties in district	10,211	28
2.	a. Total number of properties (including nearby premises) inspected following notification	256	-
	b. Number infested by (i) Rats	223	-
	(ii) Mice	31	-
3.	a. Total number of properties inspected for rats and/or mice for reasons other than notification	19	1
	b. Number infested by (i) Rats	18	1
	(ii) Mice	1	-

Total number of visits made by the Rodent Operator = 1,784.

In addition, free bait and advice was given in the case of mouse infestation at 69 private houses.

B. Sewer Treatment

The following shows the number of manholes found to be infested with rats during the 1967 sewer treatments:-

Area	Number of manholes in Area	Number of manholes found to be infested	
		1967 May	1967 October
Lower Deal	82	4	8
Central Deal	87	3	4
Middle Deal	105	2	1
Mill Hill	111	-	-
Lower Walmer	108	1	2
Upper Walmer	105	3	1
Mongeham	66	-	-
	664	13	16

1967 May	1967 October
% infestation	% infestation
2.0%	2.4%

The level of infestation remains low and is mainly confined to the

oldest sewers. In these areas there are, almost certainly, a number of disused drains which provide ideal harbourage. Present practice ensures that such drains serving buildings to be demolished are disconnected from the main system. Spasmodic infestations in other areas can often be associated with building operations where the drains are temporarily left open.

MOVEABLE DWELLINGS:

A. Camping Sites:

The Hawkshill Camp for London Boys continues to operate a Camping Site under a Licence issued under section 269 of the Public Health Act, 1936.

This Camp provides accommodation for:-

1. The Jewish Lads' Brigade annual Camp in a field set aside for the purpose.

2. London Boys in a second field.

3. Youth Organisations of various categories, who camp in groups in the field.

4. Tourist Tent Campers on a smaller area set aside for the purpose.

A fourth field is utilised for caravans under the auspices of the Caravan Club and enjoys exemption from Licensing requirements.

The site is adequately served by mains water points, refuse bins, cesspool drainage and flush closets. Rubbish is partly incinerated and partly collected by the Council. The London Boys have ablution facilities, a central kitchen and a Tuck Shop.

B. Individual Caravans:

No licenses were approved for the use of trailer caravans during the year of 1967, but several were in use in connection with building and engineering operations in the district. No nuisances were observed.

VERMINOUS AND FILTHY HOUSES AND PREMISES:

A. Verminous Premises:

The following figures show the number of disinfestations carried out during 1967.

	Council Houses:	Non Council Houses:	Other Premises:
Cockroaches	3	50	14
Bed Bugs	-	-	-
Woodworm	-	2	-
Fleas	4	7	-
Wasps Nests	10	50	10
Flies	-	3	1
Ants	2	4	2
Moths	-	-	-

The total number of treatments in 1967 was 162

The total number for the year 1966 was 98

Cockroaches:

This being the first year of the operation of the Council's policy of providing a free cockroach treatment for private houses, the number of treatments carried out shows a considerable increase. When a complaint is received concerning a terraced or semi-detached house, treatments are carried out simultaneously on the attached properties, where this can be arranged, and further treatments carried out after a six week interval in order to achieve maximum effect.

B. Dirty Houses:

15 visits and re-visits were made to various dirty houses. In such cases improvements are only temporary and constant supervision is needed to prevent deterioration.

DEALERS IN OLD METAL:

7 premises are registered under the Scrap Metal Dealers' Act, 1964.

RAG FLOCK AND OTHER FILLING MATERIALS ACT:

One premises is registered under this Act.

HAIRDRESSERS AND BARBERS:

There are 28 hairdressers and barbers in the area. No formal action was required under the Bye-law under section 77 of the Public Health Act, 1961.

CLEAN AIR ACT:

9 complaints were received and 62 visits made in relation to smoke and dust nuisances. Improvements were secured by informal action.

NOISE ABATEMENT ACT:

17 complaints were received and 31 visits and re-visits made in relation to them. In all cases reduction of the noise was achieved by informal action.

CONSUMER PROTECTION ACT, HEATING APPLIANCES:

All vendors of heating appliances have had their attention drawn to the safety regulations relating to electric, gas and oil heaters. Testing equipment is held in the Department.

AGRICULTURE (SAFETY, HEALTH & WELFARE PROVISION) ACT, 1956:

No action was necessary under this Act during the year 1967.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963:

The following information is submitted.

A. General Inspection and Registration.

Class of Premises:	Number Registered during the year	Number Registered at the end of the year	Number receiving General Inspection
Offices	5	63	13
Retail Shops	14	199	20
Wholesale Warehouses and Shops	-	6	-
Catering Establishments & Canteens	2	36	1
Fuel Storage Depots	-	-	-
	21	304	34

B. Number of visits of all kinds by Inspectors to registered premises = 103

C. Analysis of Persons employed by Workplaces

Class of Workplace.	Number of Persons Employed.
Offices	281
Retail Shops	928
Wholesale Shops & Warehouses	40
Catering Establishments	251
Canteens	2
Fuel Storage Depots	-

Total = 1,502

Males = 537

Females 965

No exemptions were granted and no prosecutions were taken during the period.

The following contraventions shown here were found and dealt with by informal action in 1967.

Cleanliness	2
Overcrowding	-
Temperature	8
Ventilation	3
Lighting	4
Sanitary accommodation	-
Washing facilities	3
Drinking water	1
Accommodation for Clothing	-
Sitting facilities	-
Floors, passages and stairs defects	9
First Aid provision	11
Thermometer	-
Abstract	9

SECTION "C" TABLE OF WORKS OF PUBLIC HEALTH INSPECTORS:

	INSPECTIONS	RE-VISITS	TOTALS 1967	TOTALS 1966
Housing Inspections	128	410	538	544
Houses in Multiple Occupation	2	1	3	2
Standard Grant	44	24	68	[illegible]
Re-housing investigation	25	1	26	[illegible]
Water Supply	17	16	33	49
Drainage	325	338	663	610
Cesspools	3	1	4	15
Animal Keeping or Waste Food Order	11	1	12	18
Offensive Trades	2	-	2	3
Tents, vans & sheds etc.	5	-	5	14
Factories with Power	25	2	27	10
Factories without Power	1	-	1	-
Factories (other)	16	3	19	5
Workplaces	-	-	-	1
Outworkers	2	-	2	2
Public Conveniences	4	3	7	5
Theatres	2	-	2	3
Licensed Premises	15	1	16	22
Provision of Dustbins	10	7	17	26
Offensive Accumulation	72	40	112	100
Common Courts or passages	4	-	4	4
Refuse Tips	10	-	10	4
Rats and Mice	53	9	62	703
Dust and Smoke Nuisances	37	25	62	17
Verminous Premises	23	22	45	44

SECTION "C" TABLE OF WORKS OF PUBLIC HEALTH INSPECTORS - Continued.

	INSPECTIONS	RE-VISITS	TOTALS 1967	TOTALS 1966
Dirty Houses	7	8	15	27
Elderly Persons	29	15	44	40
Infectious Diseases	51	21	72	58
Food Poisoning	9	22	31	15
Hairdressers	2	-	2	2
Ponds & Ditches	1	-	1	2
Mosquitoes	-	-	-	-
Meat shops & Stores	46	2	48	56
Fishmongers & Poulterers	20	-	20	15
Grocers etc.	131	3	134	170
Greengrocers & Fruiterers	22	6	28	2
Dairies & Milk Shops	21	-	21	10
Fried Fish Shops	10	6	16	4
Ice Cream Premises	28	3	31	17
Preserved Food Premises	2	-	2	8
Stalls, barrows etc.	49	-	49	28
Caterers & Boarding Houses	64	3	67	137
Shops Act	2	-	2	2
Pet Shops	3	-	3	2
Noise Nuisances	18	13	31	38
Offices & Shops	24	79	103	55
Heating Appliances	-	-	-	-
Bakehouses	14	-	14	-
Visits re. unsound food	80	8	88	91
Sampling visits	123	-	123	106
National Assistance Burials	-	-	-	1
Swimming Pools	38	-	38	60
Food Hygiene Lectures	-	-	-	8
Miscellaneous Visits	368	14	382	166
Flooding	33	25	58	39
Wasps	18	4	22	5
Woodworm	7	8	15	31
Mortuary	-	-	-	-
Rag Flock	-	-	-	-
Totals	2057	1144	3210	3489

Total of Visits and Inspections	1967	1966
Visits by Public Health Inspectors	3204	3481
Visits by Rodent Operator	1784	2577
	4988	6058

Summary of Complaint Book	1967:	1966:
Rats and Mice	271	265
Blocked Drains	235	219
Housing Defects	105	132
Rehousing and Overcrowding	11	16
Miscellaneous	47	79
Food	78	100
Rubbish	34	54
Cockroaches	75	47
Fleas	9	15
Other Insects	94	53
Infectious Disease Sprays	11	14
Bedding Removal (Disinfection)	19	12

Summary of Complaint Book - Continued.	1967:	1966:
Woodworm	7	6
Dirty Houses	8	14
Animal Nuisances	11	9
Dust Nuisances	-	-
Smoke Nuisances	9	12
Noise Nuisances	17	10
General Nuisances	40	28
Flooding	17	16
	1,098	1,101

HOUSING:

(1) House Construction:

I am indebted to the Borough Engineer and Surveyor for the following information regarding the number of houses completed during 1967 and under construction at 31st December, 1967:

Housing - Private Enterprise

Units completed during 1967:

38 No. 2 bedroom units
83 No. 3 bedroom units
2 No. 4 or more bedroom units

10 No. flats
1 No. flat by conversion of existing dwelling.

Units under construction at 31st December, 1967:

156 No. units all types (i.e. 2, 3 or more bedroom), this figure including 26 G.L.C. bungalows.
52 No. flats.

Housing - Council

Units completed during 1967:

31 No. Old People's Bungalows
4 No. 2 bedroom houses
97 No. 3 bedroom houses
21 No. 4 or more bedroom houses.

1 No. block of 20 Old People's flats plus 1 No. warden's flat.
4 No. Old People's flats
9 No. Old People's flats by conversion of existing dwelling
8 No. 2 bedroom flats.

Units under construction at 31st December, 1967:

7 No. 3 bedroom houses
31 No. flats

(2) Housing Inspection

A representation was made by the Medical Officer of Health in respect of No. 2, Brewer Street.

A Closing Order was subsequently made.

Undertakings in lieu of Closing Orders were accepted on five separate dwellings within No. 206, London Road, Deal.

The following tables show the work carried out during 1967. The figures for 1966 are shown for comparison.

		1967:	1966:
Inspection of dwelling houses during the year:			
1.(a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts.)	128	243
(b)	Number of inspections made for that purpose	538	544
2.(a)	Number of dwelling houses included under sub. section (1) above which were inspected and recorded under the Housing Consolidation Regulations 1925.	87	211
	Number of inspections made for that purpose.	87	211
3.	Number of dwelling houses found to be in a state so injurious to health as to be unfit for human habitation.	1	5
4.	Number of dwelling houses (exclusive of those referred to under the preceding sub. head) found not to be in all respects reasonably fit for habitation.	38	101
Remedy of Defects during the year without service of formal notice:			
	Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers.	94	114
Action under Statutory Powers during year:			
A.	**Proceedings under Section 9, 10 and 12 of the Housing Act, 1957:**		
(a)	Number of dwelling houses in respect of which notices were served requiring repairs.	-	-
(b)	Number of dwelling houses which were rendered fit after service of formal notices.		
	(1) By owner	-	-
	(2) By Local Authority	-	-
B.	**Proceedings under Public Health Acts:**		
(a)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied.	4	10
(b)	Number of dwelling houses in which defects were remedied after service of a formal notice.	4	10

		1967:	1966:
(c)	Number of houses in which defects were remedied (other than unfit houses made fit) after formal notice.	14	10
C.	Proceedings under Sections 16 and 17 of the Housing Act, 1957:		
(a)	Number of dwelling houses in respect of which demolition orders were made.	-	-
(b)	Number of dwelling houses in respect of which an undertaking was accepted as to future user.	1	4
(c)	Number of dwelling houses demolished in pursuance of demolition orders.	-	-
(d)	Number of dwelling houses in respect of which an undertaking was cancelled, the dwelling having been rendered fit.	1	2
D.	Proceedings under Section 18 of the Housing Act, 1957:		
(a)	Number of separate tenements or underground rooms in respect of which closing orders were made.	-	-
(b)	Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenements or rooms having been rendered fit.	2	-
(c)	Number of separate tenements or rooms in respect of which undertakings to repair were accepted.	5	1
Rent Act:			
(a)	Number of applications received under para. 4 (1) First Schedule	-	-
(b)	Number of Certificates granted under para. 4 (1) First Schedule	-	-
(c)	Number of Disrepair Certificates cancelled.	-	-
(d)	Application for cancellation refused.	-	-

HOUSING:

A. SELECTION OF HOUSING DEFECTS REMEDIED	1967:	1966:
Lighting Improved	1	1
Roofs repaired/renewed	22	33
Walls (external) repointed etc.	9	29
Floors repaired/renewed	12	19
Wall plaster repaired	15	29
Ceiling plaster repaired	4	11
Windows repaired/renewed	11	21
Fireplaces repaired/renewed	2	5
Cooking ranges repaired/renewed	1	-
Sinks provided	-	-
Sinks repaired/renewed	3	2
Waste pipes repaired/renewed	2	1
Interior water supply provided	-	-
Repairs to water supply	6	5
Downspouts repaired/renewed	9	11
Guttering repaired/renewed	13	23
Food stores repaired/or provided	1	5
Sash cords provided	4	11
Handrails fixed on stairs	-	2
Stairs repaired/renewed	-	7
Doors repaired/renewed	7	12
Woodwork repainted	-	2
Chimneys and stacks repaired	7	11
Yards, passages paved/repaired	2	5
Dampness abated	34	42
Additional ventilation	-	5
Rooms cleansed and redecorated	-	2
Water closets provided	1	-
Water closets renewed	6	2
Water closet compartments repaired	4	10
Water closet cisterns repaired/renewed	5	10
Water closets provided with water	-	-
Box seats provided	4	3
Pail closets abolished	-	-

SECTION E

MILK SUPPLY:

21 inspections were made during 1967 to Dairies and Milk Shops. 43 firms are now registered for distribution of milk from 54 premises. There are 5 premises within the Borough registered as Dairies.

The following samples of milk and cream were taken during 1967:-

	Number of Samples	Failed Turbidity Test	Failed Methylene Blue Test	Failed Phosphatase Test
Pasteurised	31	-	-	-
Sterilised	-	-	-	-
Cream	5	-	3*	-

* Of 5 samples of cream taken, 3 were considered to have given an unsatisfactory result to the Methylene Blue Test. There is no legal standard for cream, but talks took place with the manufacturers in an effort to improve the rate of distribution.

Licenses under the (Special Designation) Regulations are issued by the Kent County Council for periods of five years.

The bacteriological control of cream could be much improved if there was an officially recognised test for the product. There are differences of opinion as to the suitability of the methylene blue test as a basis of control.

ICE CREAM:

4 shop premises were registered for the sale of ice cream in 1967.

There are 123 premises registered for the sale of ice cream only and 3 for the manufacture and sale of ice cream.

39 samples were submitted to the Public Health Laboratories with the following results:-

Methylene Blue Test:	Heat Treated:	Cold Mix:	
Grade I	29	-	Satisfactory
Grade II	-	-	
Grade III	5	-	Unsatisfactory
Grade IV	3	-	
Not Tested	2	-	

PRESERVED FOOD PREMISES:

26 premises are registered for the manufacture and sale of preserved food. These are mainly butchers' premises manufacturing sausages and a number of grocers shops registered for the boiling of hams. There are three premises which concentrate on the production of cooked meat and pies. Satisfactory food hygiene standards are observed.

Food Premises:

430 visits and re-visits were made to food premises and the following table shows the improvement secured during the year.

	1967:	1966:
Walls repaired	2	4
Ceilings repaired	-	-
Floors repaired	1	4
Windows repaired	-	-
Doors repaired	-	-
Cleansed/redecorated	9	13
Ventilation provided	-	3
Refuse removed	2	2
Sinks provided/repaired	1	3
First Aid Kit provided	1	1
Fixed wash basin provided/repaired	1	5
Soap, towel, nailbrush etc., provided	4	6
Cold water provided	-	2
Hot water provided	1	2
Equipment cleansed	1	1
Use of room prohibited	1	3
Sanitary accommodation re-arranged	2	2
Lighting improved	-	-
Staff room or lockers provided	-	-
Room rat proofed	-	-

Food Vehicles etc.	1967:	1966:
Vans etc. cleansed	-	4
Vans etc. repaired	-	1
Vans etc. provided with hot water	1	2
Soap, towel etc., provided	1	2
Sinks etc. provided	-	-
Name and Address exhibited	7	11
Screening provided	2	1

Food premises were inspected under the Food Hygiene Regulations and classified as follows during the year of 1959.

A. Complying with Regulations fully.

B. Require improvement to qualify for "A"

C. Require close supervision for cleanliness

The position at the end of 1967 is shown with 1966 for comparison.

	1967:	1966:
A.	343	340
B.	95	97
C.	4	5

The food premises in the area are in the following categories (primary use):

	1967:	1966:
Bread and Cake Shops	12	12
Ice Cream Manufacturers	3	3
Bakehouses	5	5
Dairies	2	3
Mobile Vans etc.	44	38
School kitchens, staff canteens & Nursing Homes etc.	42	42
Brewery	-	1
Mineral Water factory etc.	2	2
Chemists	8	8
Cinemas and Dance Halls	6	7
Fishmongers & Fried Fish Shops	14	14
Licensed Premises	62	62
Clubs	19	20
Butchers	18	19
Cafes etc.	29	30
Confectioners	30	30
Greengrocers	20	23
Boarding Houses etc.	53	54
Grocers	75	73
	442	442

DISEASES OF ANIMALS (WASTE FOOD ORDER) 1957:

No new registrations were made during 1967.

One piggery is licensed under this Order to operate a swill boiling plant.

UNSOUND FOOD:

80 visits were made in connection with food inspection and the amount of food condemned was 16 cwt. 3 qrs. 13 lb. 10¾ ozs.

Condemned food is disposed of by deep cover at the Council's Refuse Tip.

The following cases were reported to the Public Health Committee.

1.	Dirty milk bottle:-	Warning letter
2.	Beetle in tinned peas:-	No action
3.	Splinter in school milk:-	Warning letter
4.	Dirty milk bottle:-	Warning letter
5.	Foreign matter in bread:-	Warning letter

FOOD POISONING:

Two notified cases, a husband and wife, were accepted as confirmed food poisoning although no incriminating agent was identified: toxin type food poisoning was presumed following the consumption of luncheon meat.

One case of salmonella infection not considered food borne was brought to notice: this concerned a 71 year old lady, the infection being discovered after her admission to hospital. The Organism isolated was S. brandenburg.

SECTION F - PREVALENCE AND CONTROL OF INFECTIOUS DISEASE

1. Infectious and other Notifiable Diseases (excluding Tuberculosis and Food Poisoning) Notified in 1967 by Age Groups - Corrected.

	Scarlet Fever	Measles	Dysentery	Pneumonia	Whooping Cough	Erysipelas
Under 5 years	4	213	-	-	6	-
5 - 14 years	2	105	-	-	1	-
15 - 24 years	-	3	-	-	-	-
25 - 44 years	-	1	-	-	-	-
45 - 64 years	-	-	-	3	-	-
65 and over	-	-	-	2	-	-
Age unknown	-	8	-	-	-	-
Total	6	330	-	5	7	-
Admitted to Hospital	-	2	-	-	1	-
Comparative Total 1966 (Notified)	10	70	1	4	4	1

Two cases of puerperal pyrexia were notified.

A note on Food Poisoning is included under the Food Section of this Report.

2. Tuberculosis:

New cases of Tuberculosis notified during 1967 were as follows:-

	Pulmonary:		Non-pulmonary:	
	Male:	Female:	Male:	Female:
1967	3	1	-	-
1966	6	3	-	1

(a) Age Grouping of the new cases notified during 1967 was as follows:-

	Pulmonary:	
	Male:	Female:
25 - 44 years	-	1
45 - 64 years	1	-
65 and over	2	-

(b) The following "Annual Statement of Tuberculosis" is compiled from the four Quarterly Returns rendered to the County Medical Officer:-

	Pulmonary		Non-pulmonary	
	Male:	Female:	Male:	Female:
(a) Number of Cases of Tuberculosis on Register as at 1st. January 1967	32	30	9	11
(b) Number of cases notified under Regulations of 1952 for first time during year	3	1	-	-
(c) Other additions to Register	-	-	1	-
(d) Cases removed from Register during the year, including recoveries or deaths (excluding deaths of un-notified cases)	17	17	4	4
(e) Cases on Register at end of 1967	18	14	6	7

There were no deaths of un-notified tuberculous patients registered during 1967:

Of the forty-two cases whose names were removed from the register eleven were reported as having recovered, and one removed to another district, while the names of 30 were removed on advice from the Chest Physician.

No action was necessary under Public Health (Prevention of Tuberculosis) Regulations, 1925, (regarding tuberculous persons employed in the milk trade), or Section 172 of the Public Health Act, 1936, (regarding the compulsory removal of tuberculous patients to hospital).

3. Immunisation and Vaccination:

The schemes for Whooping Cough and Diphtheria Immunisation and Smallpox and Poliomyelitis Vaccination were continued under the administration of the Kent County Council and the following statistics for 1967 are made available by the courtesy of the County Medical Officer.

(a) Whooping Cough Immunisation:

386 children received primary whooping cough immunisation, and 374 reinforcing injections.

(b) Diphtheria Immunisation:

Number of children resident in the Borough of Deal who received:-

(a) Primary Inoculations - 387
(b) Reinforcing Inoculations - 601

(c) Smallpox Vaccination:

In view of the amendment to the County Council's proposals under Section 26 of the National Health Service Act, 1946, regarding records of vaccination against Smallpox, the following is the sole information now available:-

Primary Vaccination 1 Year	Re-vaccination (School age but under 8 years)
257	7

(d) Poliomyelitis Vaccination:

Vaccination figures for 1967 based on the returns submitted to the Ministry of Health:-

(d) continued

Year of Birth	Primary	re-inforcing
1967	87	-
1966	281	-
1965	30	-
1964	21	-
1963	7	35
1960 - 1962	12	195
1951 - 1959	5	136
Totals	443	366

SECTION G - METEOROLOGICAL CONDITIONS

MONTH	RAINFALL INS.	TEMPERATURE		SUNSHINE HOURS *
		MEAN °C MAXIMUM °F	MEAN °C MAXIMUM °F	
January	1.37	6.9 44.42	3.4 38.12	74.5
February	1.87	8.9 48.02	4.4 39.92	86.8
March	1.50	11.6 52.88	5.0 41.0	154.7
April	2.06	10.6 51.08	5.1 41.18	174.4
May	2.58	14.5 58.10	8.8 47.84	212.2
June	1.72	17.5 63.50	11.4 52.52	208.8
July	0.88	21.4 70.52	14.2 57.56	261.3
August	1.71	20.1 68.18	13.4 56.12	189.7
September	2.00	18.6 65.48	12.3 54.14	144.3
October	4.84	15.8 60.44	10.2 50.36	111.9
November	3.54	9.5 49.10	4.9 40.82	60.2
December	1.80	6.8 44.24	3.0 37.4	58.8
Total	25.87	-	-	*1737.6
1966 Total	37.21	-	-	*1428.4

* Deal figure not available - figures quoted are those of nearest recording station.

DEAL PORT HEALTH AUTHORITIY.

There were no Port Health Activities in the Deal Authority during the year.